GRADE 5
Item Number 67439 Key: B Montana Standard: 2 Number/Operations

1. The weight limit of an elevator is posted as “2000 pounds capacity.” How many 145-pound persons could the elevator hold and still remain below the capacity limit?

   A. 10

   B. 13

   C. 14

   D. 20

GRADE 5
Item Number 8305 Key: D Montana Standard: 2
Number/Operations

1. Teri buys sports equipment for the city park. One carton of tennis balls costs $49.00. If she needs to buy 17 cartons, how much will she pay for the tennis balls?

   A. $ 68.00
   B. $441.00
   C. $733.00
   D. $833.00

GRADE 5

Item Number 137279 Key: C Montana Standard: 7
Patterns, Relations, Functions

1. Which rule was used to change the numbers in column X to the numbers in column Y?

X	Y
3	8
5	14
8	23
10	29

A. add 6, subtract 1

B. multiply by 3, add 1

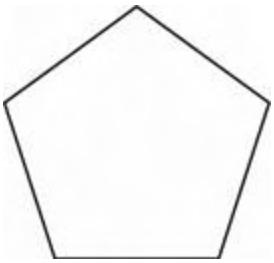
C. multiply by 3, subtract 1

D. add 13, divide by 2

GRADE 5

Item Number 26239 Key: B Montana Standard 4
Geometry

1. How many lines of symmetry does the figure below have?



A. 10
B. 5
C. 3
D. 1

GRADE 5

Item Number 67129 Key: C Montana Standard 5 Measurement

1. Mr. Simmons put a wire fence all the way around his rectangular garden. The garden is nine feet long and five feet wide. How many feet of fencing did he use?

   A. 14 feet

   B. 23 feet

   C. 28 feet

   D. 45 feet

GRADE 5
Item Number 8285 **Key: C** **Montana Standard 6**
Data, Statistics, Probability

1. Cassie is making a pictograph for this data:

TICKETS SOLD LAST WEEK

Basketball.....52
Hockey.....30
Gymnastics 75

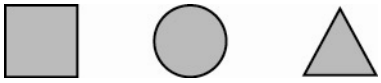
Cassie will use a ticket as the symbol. She doesn't want to use more than 10 symbols in any row of the pictograph. Which would be **best** for her to use?

A.  = 2
B.  = 5
C.  = 10
D.  = 50

GRADE 5
CONSTRUCTED RESPONSE **Montana Standard 3**

Standard: Students will understand and apply algebraic concepts.
Students will be able to find replacements for variables that make simple number sentences true.

Ms. Deering's class is going to play store using the plastic shapes shown below for money.



Each of these shapes is worth a different number of cents. The following clues can be used to find how many cents each shape is worth.

Clues

$3 \times \square = 18¢$

$\bigcirc + \triangle + \triangle + \triangle = 6¢$

$\square + \bigcirc + \triangle = 10¢$

a. Figure out how many cents each shape is worth. Show or explain how you know your answer is correct.
b. Using the fewest number of shapes, tell what shapes you should use to pay for a card that costs 25 cents.